

DENNIS P. CURRAN et.al.
Serial No.: 10/629,432

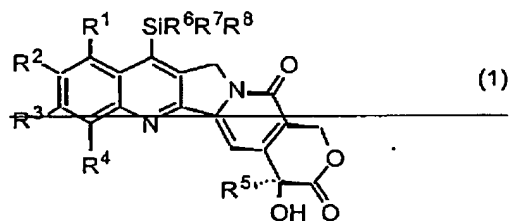
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AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings in the application:

1.-13. Canceled.

14. (Currently Amended) A method of treating a patient with cancer ~~malignant melanoma, stomach cancer, breast cancer, ovarian cancer, lung cancer, colorectal cancer or leukemia~~, comprising the step of administering a pharmaceutically effective amount of a compound of 7-trimethylsilyl-10-hydroxy camptothecin or 7-tert-butyl dimethylsilyl-10-hydroxy camptothecin ~~Claim 1~~ having the following formula or a pharmaceutically acceptable salt thereof:-



wherein R^1 and R^2 are independently the same or different and are hydrogen, an alkyl group, an aminoalkyl group, an alkylaminoalkyl group, a haloalkyl group, a hydroxyalkyl group, an alkenyl group, an alkynyl group, an alkoxyl group, an aryloxy group, a carbamoyloxy group, a halogen, a hydroxyl group, a nitro group, a cyano group, an azido group, a formyl group, a hydrazino group, $C(O)R^f$, wherein R^f is an alkyl group, a haloalkyl group, an alkoxyl group, an amino group or a hydroxyl group, an amino group, an alkylamino group, a dialkylamino group, SR^g , wherein R^g is hydrogen, $C(O)R^f$, an alkyl group, or an aryl group, $OC(O)R^d$ or $OC(O)OR^d$, wherein R^d is an alkyl group; or R^1 and R^2 together form a group of the formula $O(CH_2)_nO$ wherein n represents the integer 1 or 2;

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~~R³ is H, F, a halogen atom, a nitro group, an amino group, a hydroxyl group, or a cyano group; or R² and R³ together form a group of the formula O(CH₂)_nO wherein n represents the integer 1 or 2;~~

~~R⁴ is H, F, a C₁₋₃ alkyl group, a C₂₋₃ alkenyl group, a C₂₋₃ alkynyl group, or a C₁₋₃ alkoxyl group;~~

~~R⁵ is a C₁₋₁₀ alkyl group, or a propargyl group; and~~

~~R⁶, R⁷ and R⁸ are independently a C₁₋₁₀ alkyl group, a C₂₋₁₀ alkenyl group, a C₂₋₁₀ alkynyl group, an aryl group or a (CH₂)_NR⁹ group, wherein N is an integer within the range of 1 through 10 and R⁹ is a hydroxyl group, alkoxy group, an amino group, an alkylamino group, a dialkylamino group, a halogen atom, a cyano group or a nitro group;~~

~~provided that wherein one of R¹, R², R³ and R⁴ is H, a halogen, an alkyl group, an amino group or a nitro group at least on or one other of R¹, R², R³ and R⁴ is not H or an alkyl group.~~

15.-39. (Canceled)

40. (Currently Amended) The method of Claim 14, wherein the compound is 7-tert-butyldimethylsilyl-10-hydroxy camptothecin.